

ship Aug 25.

Work Order ID 149793

149793

Page 1

Wednesday, August 03, 2016 9:28:42 AM

Item ID: D206-642-414 Accept *N900040100* Setup Start *NS1*
 Revision ID: Stop *NS2*
 Item Name: Skidtube RH,High Gear with Run-on Landing Wearplates
 Start Date: 8/4/2016 Start Qty: 1.00 *1* Cust Item ID:
 Required Date: 8/25/2016 Req'd Qty: 1.00 *1* Customer:
 Reference:

Approvals: Process Plan: em Date: 16/08/03 Tooling: _____ Date: _____ Run Start *NR1*
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
IIN-D206-642	Q	AUG 05 2016						DAS 21 16-08-05 9-89	
100		0.00							
100	DOCUMENT CONTROL								
DC	Memo	0.00							
Doc.Control -USB or Paperwork	Photocopy bluefile and create labels per PPP D206-642-414 CHG001								
110	Pick Kit	0.00							
110									
Packaging	Memo	0.00							
Packaging									
120	QC4- 100% Inspect kits for completeness	0.01							
120									
QC	Memo	0.00							
Quality Control									

DAS
27
9-89

DR AUG 09 2016 DAS
28
9-89

DAS
27
9-89

B141027 R21

Work Order ID 149793

Wednesday, August 03, 2016 9:28:42 AM

149793

Page 2

Item ID: D206-642-414

Accept

N900040100

Setup Start

NS1

Revision ID:

Stop

NS2

Item Name: Skidtube RH,High Gear with Run-on Landing Wearplates

Start Date: 8/4/2016

Start Qty: 1.00

1

Cust Item ID:

Required Date: 8/25/2016

Req'd Qty: 1.00

1

Customer:

Reference:

Approvals:

Process Plan: _____

Date: _____

Tooling: _____

Date: _____

Run Start

NR1

QC: _____

Date: _____

SPC (Y/N): _____

Date: _____

Stop

NR2Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

130

130

Packaging

Packaging

0.00

Memo

0.00

Identify and pack for shipping as per PPP D206-642-414

Location: _____

PPP Rev: _____

fg 083

AUG 16 2016

140

140

QC

Quality Control

QC21- Final Inspection - Work Order Release

0.02

Memo

0.00

DAS
21
9-89

AUG 17 2016

DAS
21
9-89

AUG 17 2016

Picklist Print

Wednesday, August 03, 2016 9:28:41 AM

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Work Order ID: 149793

149793

Parent Item: D206-642-414

D206-642-414

Parent Item Name: Skidtube RH,High Gear with Run-on Landing Wearplates

Start Date: 8/4/2016

Required Date: 8/25/2016

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP REV:A 11.11.18 NEW ISSUE DD VERF:JFS IPP
REV:B 13.06.28 IIN-D206-642 rev.p DD VERF:JFS IPP REV:C
14.04.25 AS PER ECN14-520 DD VERF:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

D206-642-451

Manufactured No

110

Each

0.0000

1

1

B141027

68-6
28
9-89

D206-642-451

Replacement Skidtube,High Gear with Run-on Landing Wearplates Fits LH or RH

D206-648-013

Manufactured No

110

Each

14.0000

1

1

PC DAS
28
9-89

D206-648-013

Ground Handling Wheel Modification

Location

Loc Qty

Loc Code

ST636

14

145928

4

145929

4

146632

2

147547

4

DAS
27
9-89

D2932-2

Manufactured No

110

Each

9.0000

1

1

PC DAS
28
9-89

D2932-2

Saddle RH Out, 206

Location

Loc Qty

Loc Code

ST396

9

142271

4

146533

1

147722

4

DAS
27
9-89

AUG 8 9 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width: 100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td style="border: none;"></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐																																																	
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Picklist Print

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Work Order ID: 149793

149793

Parent Item: D206-642-414

D206-642-414

Parent Item Name: Skidtube RH,High Gear with Run-on Landing Wearplates

Start Date: 8/4/2016

Required Date: 8/25/2016

Start Qty: 1.00

Required Qty: 1.00

D2933-2

Manufactured No

110

Each

10.0000

1

D2933-2

Saddle RH In, 206

**

PC DAS 28 9-89

Location

Loc Qty

Loc Code

ST396

10

144735

5

145418

4

146534

1

D2934

Manufactured No

110

Each

46.0000

2

D2934

Saddle Spacer

**

PC DAS 28 9-89

Location

Loc Qty

Loc Code

FG

6

31929

6

ST014

40

147488

40

2

2

D2935

Manufactured No

110

Each

57.0000

**

PC DAS 28 9-89

D2935

Saddle Spacer

Location

Loc Qty

Loc Code

FG

6

31793

6

ST014

51

146008

21

147574

30

2

AUG 09 2016

Wednesday, August 03, 2016 9:28:42 AM

Shop Packet Print

Page 2

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width: 100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td style="border: none;"></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
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OTHER : ☐																									

Picklist Print

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Work Order ID: 149793

149793

Parent Item: D206-642-414

D206-642-414

Parent Item Name: Skidtube RH, High Gear with Run-on Landing Wearplates

Start Date: 8/4/2016

Required Date: 8/25/2016

Start Qty: 1.00

Required Qty: 1.00

D2938-2

Manufactured No

110

Each

5.0000

1 1

D2938-2

Saddle RH Out, 206

**

PC DAS 28 9-89

DAS 27 9-89

Location

Loc Qty

Loc Code

ST395

5

146105

4

146535

1

D2939-2

Manufactured No

110

Each

7.0000

1 1

D2939-2

Saddle RH In, 206

**

PC DAS 28 9-89

DAS 27 9-89

Location

Loc Qty

Loc Code

ST395

7

141414

2

145435

4

146536

1

AN3-41A

Purchased No

110

Each

266.0000

8 8

AN3-41A

Bolt

**

PC DAS 28 9-89

DAS 27 9-89

Location

Loc Qty

Loc Code

FG

20

122416

20

over003

156

123355

156

ST347

90

123355

90

AUG 11 9 2016

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Shop Packet Print

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Parent Item: D206-642-414

D206-642-414

Parent Item Name: Skidtube RH,High Gear with Run-on Landing Wearplates

Start Date: 8/4/2016

Required Date: 8/25/2016

Start Qty: 1.00

Required Qty: 1.00

D2652

Manufactured No

110

Each

594.0000

16

16

D2652

Bushing

**

PC

DAS
28
9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

FG

45

31985

45

ST009

144

145959

144

16

ST012a

405

147559

0

148315

405

D2712

Manufactured No

110

Each

299.0000

10

10

D2712

Set Screw

**

PC
DAS
28
9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

FG

55

29962

55

ST009

94

140532

9

141690

75

89929

10

16

ST012a

150

147570

50

147801

50

149148

50

AUG 10 2016

AUG 09 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="width:12.5%;">Skid-tube ☐</td> <td style="width:12.5%;">Cross tube ☐</td> <td style="width:12.5%;">Water Jet ☐</td> <td style="width:12.5%;">Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐																						
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐																						
Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐																						
Large Fab ☐	Composite ☐	Supplier ☐																							
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval																		
Description Work Order Deviation				Disposition				Completed By																	
								Lead hand / Supervisor Approval Verification																	
								QC / QA Coordinator Approval																	
Root Cause		FAULT CATEGORY																							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐																				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐																				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐																				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐																				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐																				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐																				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐																				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐																				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐																				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐																				
Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____																							
Misidentified ☐	Past Due ☐																								

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Work Order ID: 149793

149793

Parent Item: D206-642-414

D206-642-414

Parent Item Name: Skidtube RH,High Gear with Run-on Landing Wearplates

Start Date: 8/4/2016

Required Date: 8/25/2016

Start Qty: 1.00

Required Qty: 1.00

NAS1149D0563J

Purchased

No

110

Each

875.0000

8

8

NAS1149D0563.I

Washer

**

PC

DAS
28
9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

GA

117

m125807

2

m133769

115

ST263

659

m134497

4

m135058

655

ST269

99

m128257

99

NAS1149D0463J

Purchased

No

110

Each

1,636.000

24

24

NAS1149D0463.I

Washer

**

PC

DAS
28
9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

GA

320

M132035

15

M134508

32

M135056

273

ST260a

600

M135056

600

ST263

716

M134943

716

24

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DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date : _____		Step #: _____		QTY Effective : _____			MRB (QSI042) Approval		
Description Work Order Deviation				Disposition				Completed By	
								Lead hand / Supervisor Approval Verification	
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____							
Misidentified ☐	Past Due ☐								

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Work Order ID: 149793

149793

Parent Item: D206-642-414

D206-642-414

Parent Item Name: Skidtube RH,High Gear with Run-on Landing Wearplates

Start Date: 8/4/2016

Required Date: 8/25/2016

Start Qty: 1.00

Required Qty: 1.00

D3407-043

Manufactured No

110

Each

36.0000

1

1

D3407-043

Tow Ring

**

PC

DAS
28
9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

st530

25

146014

13

146936

12

ST532A

11

147575

11

MS21042L4

Purchased

No

110

Each

2,484.000

12

12

MS21042L4

Locknut

**

PC

DAS
28
9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

FP001

51

m133363

51

GA

468

m133769

116

m135058

352

ST3003

26

m134955

26

ST303

1939

m135127

939

m135297

1000

12

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DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval		
Description Work Order Deviation				Disposition				Completed By	
								Lead hand / Supervisor Approval Verification	
								QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY							
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐				
		OTHER : ☐							

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Work Order ID: 149793

149793

Parent Item: D206-642-414

D206-642-414

Parent Item Name: Skidtube RH,High Gear with Run-on Landing Wearplates

Start Date: 8/4/2016

Required Date: 8/25/2016

Start Qty: 1.00

Required Qty: 1.00

MS21043-4

Purchased

No

110

Each

565.0000

1

1

MS21043-4

Nut

**

PC DAS
28
9-89

Location

Loc Qty

Loc Code

FG

40

104603

40

GA

17

m132803

17

OVER007

300

m134754

300

ST302

208

m134943

208

DAS
27
9-89

D3457-1

Manufactured

No

110

Each

96.0000

2

2

D3457-1

Washer

**

PC DAS
28
9-89

Location

Loc Qty

Loc Code

FG

10

32409

10

ST037

86

145625

86

DAS
27
9-89

D3456-1

Manufactured

No

110

Each

75.0000

1

1

D3456-1

Washer

**

PC DAS
28

Location

Loc Qty

Loc Code

FG

7

25701

7

ST037

68

144158

1

147066

17

147799

50

DAS
27
9-89

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DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval		
Description Work Order Deviation				Disposition				Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____							
Misidentified ☐	Past Due ☐								

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Work Order ID: 149793

149793

Parent Item: D206-642-414

D206-642-414

Parent Item Name: Skidtube RH,High Gear with Run-on Landing Wearplates

Start Date: 8/4/2016

Required Date: 8/25/2016

Start Qty: 1.00

Required Qty: 1.00

NAS1149C0463R

Purchased

No

110

Each

288.0000

1

NAS1149C0463R

Washer

DAS
27
9-89

**

PC DAS
28
9-89

Location

Loc Qty

Loc Code

FP001

69

m127306

69

ST260a

200

m134167

200

ST266

19

m133077

19

AN4-6A

Purchased

No

110

Each

348.0000

12

AN4-6A

BOLT

**

PC DAS
28
9-89

Location

Loc Qty

Loc Code

ST345

348

M128634

2

M134852

12

M134943

200

M135056

134

DAS
27
9-89

D3413-1

Manufactured

No

110

Each

40.0000

1

D3413-1

O-Ring

**

PC DAS
28
9-89

Location

Loc Qty

Loc Code

st530

40

136462

4

142835

16

145648

20

DAS
27
9-89

AUG 09 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : _____					

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Work Order ID: 149793

149793

Parent Item: D206-642-414

D206-642-414

Parent Item Name: Skidtube RH,High Gear with Run-on Landing Wearplates

Start Date: 8/4/2016

Required Date: 8/25/2016

Start Qty: 1.00

Required Qty: 1.00

AN4C5A Purchased No

110 Each

90.0000

1 1

AN4C5A

Bolt

**

PC

DAS
28
9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

FP001

49

m133990

49

ST345

41

m134478

41

MS21042L3

Purchased

No

110

Each

1,828.000

8

8

MS21042L3

Nut

**

PC

DAS
28
9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

FP001

14

m133790

14

GA

567

m134360

112

m135135

455

OVER007

700

m135135

700

ST303

547

m134039

12

m135056

535

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Wednesday, August 03, 2016 9:28:42 AM

Work Order ID: 149793

149793

Parent Item: D206-642-414

D206-642-414

Parent Item Name: Skidtube RH,High Gear with Run-on Landing Wearplates

Start Date: 8/4/2016

Required Date: 8/25/2016

Start Qty: 1.00

Required Qty: 1.00

NAS1149D0363J

Purchased

No

110

Each

1,940.000

8

8

NAS1149D0363.J

Washer

PC

DAS
28
9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

GA

402

m134055

402

ST260a

1000

m135297

1000

ST263

538

m134955

538

AN5-11A

Purchased

No

110

Each

121.0000

8

8

AN5-11A

BOLT

PC

DAS
28
9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

ST338

121

M134134

60

M134762

61

AN5-12A

Purchased

No

110

Each

52.0000

4

4

AN5-12A

Bolt

PC

DAS
28
9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

over003

30

M134754

30

ST338

22

M135056

22

AUG 09 2016

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Wednesday, August 03, 2016 9:28:42 AM

Work Order ID: 149793

149793

Parent Item: D206-642-414

D206-642-414

Parent Item Name: Skidtube RH,High Gear with Run-on Landing Wearplates

Start Date: 8/4/2016

Required Date: 8/25/2016

Start Qty: 1.00

Required Qty: 1.00

AN5-13A

Purchased

No

-110

Each

30.0000

4

R

AN5-13A

BOLT

DAS
27
9-89

Location

Loc Qty

Loc Code

CA	2
m129682	2
over003	20
m134754	20
ST338	8
m134497	8

4

DAS
28
9-89

AUG 09 2016

4.6 206L/L-1/L-3/L-4 HIGH GEAR SKIDTUBES

ITEM	QTY -411	QTY -412	QTY -413	QTY -414	QTY -441	QTY -457	QTY -449	QTY -451	QTY -013	PART NUMBER	DESCRIPTION
	X									D206-642-411	SKIDTUBE INSTALLATION, LH
		X								D206-642-412	SKIDTUBE INSTALLATION, RH
			X							D206-642-413	SKIDTUBE INSTALLATION, LH
				X						D206-642-414	SKIDTUBE INSTALLATION, RH
1	1	1			X					D206-642-441	SKIDTUBE
						X				D206-642-457	WEARSHOE KIT (REPLACES -447)
							X			D206-642-449	RUN-ON LANDING WEARPLATE KIT
			1	1				X		D206-642-451	SKIDTUBE
1	1	1	1	1					X	D206-648-013	GROUND HANDLING KIT
1					1					D2650-7	SKIDTUBE ASSEMBLY
1								1		D4361-043	SKIDTUBE ASSEMBLY
2A					22			10		D2651-1	* PLUG ⁽¹⁾
2B					22			10		D2651-3	* O-RING ⁽¹⁾
3					1			1		D2646	* AFT CAP ⁽¹⁾
4					2			2		MS27039-1-08	* SCREW ⁽¹⁾
5					2			2		NAS1149D0332J	* WASHER ⁽¹⁾ (OR AN960JD10L)
6	1		1							D2932-1	-SADDLE, FWD OUT, LH
6		1		1						D2932-2	SADDLE, FWD OUT, RH
7	1		1							D2933-1	-SADDLE, FWD IN, LH
7		1		1						D2933-2	SADDLE, FWD IN, RH
8	1		1							D2938-1	-SADDLE, AFT OUT, LH
8		1		1						D2938-2	SADDLE, AFT OUT, RH
9	1		1							D2939-1	SADDLE, AFT IN, LH
9		1		1						D2939-2	SADDLE, AFT IN, RH
10	8	8	8	8						AN3-41A	BOLT
11	16	16	16	16						D2652	BUSHING
12A	8	8	8	8						MS21042-3	NUT (OR MS21042L3)
12B	8	8	8	8						NAS1149D0363J	WASHER (OR AN960JD10)
13	4	4	4	4						AN5-11A (OR AN5-12A)	* BOLT ⁽²⁾
14	4	4	4	4						AN5-11A (OR AN5-13A)	* BOLT ⁽²⁾
15	8	8	8	8						NAS1149D0563J	WASHER (OR AN960JD516)
16	12	12	12	12						AN4-6A	BOLT
17	24	24	24	24						NAS1149D0463J	WASHER (OR AN960JD416)
18	12	12	12	12						MS21042-4	NUT (OR MS21042L4)
20A					6	6				D3537-1	WEARPAD (REPLACES D2648-3)
21A					1	1				D3537-3	WEARPAD (REPLACES D3429-1)
22A					1	1				D4956-15	WEARSHOE (REPLACES D3535-15 + D3536-15)
23A					1	1				D4956-23	WEARSHOE (REPLACES D3535-23 + D3536-23)
24A					1	1				D4956-37	WEARSHOE (REPLACES D3535-37 + D3536-37)
26A					60	60				MS27039C1-08	SCREW
26B					60	60				NAS1149D0332J	WASHER (OR AN960JD10L)
26C					60					ALS7-1032-130	* INSERT ⁽¹⁾ (or AKS4-1032-130, ALS4-1032-130, AELS-1032-130)
30	1	1	1	1						D3407-043	TOW RING ASSEMBLY (REPLACES D2968-043)
32A	1	1	1	1						D3456-1	WASHER
32B	2	2	2	2						D3457-1	WASHER
33	1	1	1	1						MS21043-4	NUT
34	1	1	1	1						AN4C5A	BOLT
35	1	1	1	1						NAS1149C0463R	WASHER (OR AN960C416)
36	1	1	1	1						D3413-1	RING (REPLACES D2655)
37	10	10	10	10						D2712	SET SCREW
38	2	2	2	2						D2934	SADDLE SPACER
39	2	2	2	2						D2935	SADDLE SPACER
40									2	D3414-041	LUG ASSEMBLY (REPLACES D2659)
41									4	AN3C37A	BOLT
42									8	D2652	BUSHING
43									4	MS21043-3	NUT
44									4	NAS1149C0363R	WASHER (OR AN960C10)

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